

## **AMENDMENTS TO THE ABSTRACT**

**Please amend the abstract as follows:**

In an automatic gain control amplifier ~~AGCa~~, an RF automatic gain controller [[2]] controls the gain of a radio frequency signal ~~Srf~~. A frequency converter [[3, 4]] frequency-converts the radio frequency signal ~~Srfa~~ into an intermediate frequency signal ~~Sifa~~. An IF automatic gain controller [[5]] controls the gain of the intermediate frequency ~~Sifa~~. A level detector ~~LDa~~ detects a signal level of the gain-controlled intermediate frequency signal ~~Sifa~~, and generates a level signal ~~SLa~~. An automatic gain control signal generator ~~SGa, SGb~~ separately controls, based the level signal ~~SLa, SLb~~, the RF automatic gain controller [[2]] and the IF automatic gain controller [[5]].